

PC12 Variant Cell Line (PC12Mn)

CH3 Catalog # 910003 Unit Size: Flask or Vial

Re-sale or other commercial use of CH3 PC12 Cell Lines requires the execution of a Licensing Agreement, Materials Transfer Agreement, or other codified accord between CH3 BioSystems LLC and the commercial, for profit organization.

PRODUCT OVERVIEW

Rat pheochromocytoma clonal cell line. A variant derived from the original parental PC12 cell line. Responds to manganese stimulation (<http://www.ncbi.nlm.nih.gov/pubmed/9828105>).

PURIFICATION

NA

FORMULATION

10 to 20 x 10⁶ cells in flask containing recommended culture medium or frozen cell pellet in cryoprotectant.

RECOMMENDED USAGE

Cell culture. Use RPMI 1640 medium; 10% Horse Serum; 5% Fetal Bovine Serum. For neuronal differentiation, use 1% Horse Serum + 50 ng/ml nerve growth factor.

TESTING

Proliferation (4 day doubling time) and differentiation tested on a substrate of rat-tail collagen.

STORAGE

Place in culture immediately upon arrival; 35-37° humidified CO₂ incubator. Use 5% CO₂.

*All products are for Research Use Only and not for in vitro diagnostic use
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